

ABSTRACT

Disclosed is a device and method such that data of size S is stored in a memory of size K , a two-dimensional matrix with R rows and C columns, and interleaving indexes I are generated according to a predetermined interleaving rule to randomly output the data from the memory. If a first index I is greater than data size S , a second index is generated and output prior to outputting invalid data stored in the memory at the location of the first index.